

**DECLARATION**

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: HLA BINDING PEPTIDES AND THEIR USES the specification of which is attached hereto or x was filed on February 3, 1998 as Application No. 09/017,524 and was amended on (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <u> </u> No <u> </u>
			Yes <u> </u> No <u> </u>

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

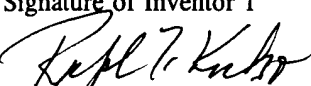
Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
08/589,107	January 23, 1996	<u> </u> Patented <u> X </u> Pending <u> </u> Abandoned
		<u> </u> Patented <u> </u> Pending <u> </u> Abandoned

Full Name of Inventor 1	Last Name Kubo	First Name Ralph	Middle Name or Initial T.	
Residence & Citizenship	City San Diego	State/Foreign Country California	Country of Citizenship USA	
Post Office Address	Post Office Address 12635 Futura St.	City San Diego	State/Country California	Zip Code 92130
Full Name of Inventor 2	Last Name Grey	First Name Howard	Middle Name or Initial M.	
Residence & Citizenship	City La Jolla	State/Foreign Country California	Country of Citizenship USA	
Post Office Address	Post Office Address 9066 La Jolla St.	City La Jolla	State/Country California	Zip Code 92037
Full Name of Inventor 3	Last Name Sette	First Name Alessandro	Middle Name or Initial	
Residence & Citizenship	City La Jolla	State/Foreign Country California	Country of Citizenship Italy	
Post Office Address	Post Office Address 5551 Linda Rosa Avenue	City La Jolla	State/Country California	Zip Code 92037
Full Name of Inventor 4	Last Name Celis	First Name Esteban	Middle Name or Initial	
Residence & Citizenship	City San Diego	State/Foreign Country California	Country of Citizenship Mexico	
Post Office Address	Post Office Address 13644 Landfair Road	City San Diego	State/Country California	Zip Code 92130
Full Name of Inventor 5	Last Name Southwood	First Name Scott	Middle Name or Initial	
Residence & Citizenship	City Santee	State/Foreign Country California	Country of Citizenship USA	
Post Office Address	Post Office Address 10679 Strathmore Dr.	City Santee	State/Country California	Zip Code 92071
Full Name of Inventor 6	Last Name	First Name	Middle Name or Initial	
Residence & Citizenship	City	State/Foreign Country	Country of Citizenship	
Post Office Address	Post Office Address	City	State/Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1  Ralph T. Kubo	Signature of Inventor 2 Howard M. Grey	Signature of Inventor 3 Alessandro Sette
Date <i>June 19, 1998</i>	Date	Date
Signature of Inventor 4 Esteban Celis	Signature of Inventor 5 Scott Southwood	Signature of Inventor 6
Date	Date	Date

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Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes _ No _
			Yes _ No _

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

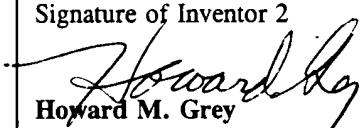
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Application No.	Date of Filing	Status
08/589,107	January 23, 1996	_ Patented <u>X</u> Pending _ Abandoned
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Full Name of Inventor 5	Last Name Southwood	First Name Scott	Middle Name or Initial	
Residence & Citizenship	City Santee	State/Foreign Country California	Country of Citizenship USA	
Post Office Address	Post Office Address 10679 Strathmore Dr.	City Santee	State/Country California	Zip Code 92071
Full Name of Inventor 6	Last Name	First Name	Middle Name or Initial	
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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 Ralph T. Kubo	Signature of Inventor 2  Howard M. Grey	Signature of Inventor 3 Alessandro Sette
Date	Date 5/13/98	Date
Signature of Inventor 4 Esteban Celis	Signature of Inventor 5 Scott Southwood	Signature of Inventor 6
Date	Date	Date

DEC-6.MRG 8/96

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Attorney Docket No. 018623-005091US

DECLARATION

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Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes _ No _
			Yes _ No _

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below:

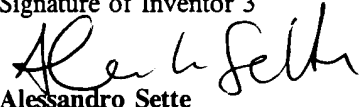
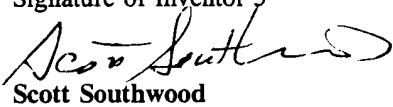

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Residence & Citizenship	City San Diego	State/Foreign Country California	Country of Citizenship Mexico	
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Signature of Inventor 1 Ralph T. Kubo	Signature of Inventor 2 Howard M. Grey	Signature of Inventor 3  Alessandro Sette
Date	Date	Date 5/12/98
Signature of Inventor 4 Esteban Celis	Signature of Inventor 5  Scott Southwood	Signature of Inventor 6 
Date	Date 5/12/98	Date

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Full Name of Inventor 6	Last Name	First Name	Middle Name or Initial	
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Signature of Inventor 1 Ralph T. Kubo	Signature of Inventor 2 Howard M. Grey	Signature of Inventor 3 Alessandro Sette
Date	Date	Date
Signature of Inventor 4  Esteban Celis	Signature of Inventor 5 Scott Southwood	Signature of Inventor 6
Date 6/22/98	Date	Date

DEC-6.MRG 8/96

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CERTIFICATE UNDER 37 C.F.R. § 3.73(b)Applicant: Ralph T. Kubo et al.Application No.: 09/017,524Filed: 2/3/98For: HLA BINDING PEPTIDES AND THEIR USESEpimmune, Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame(s) _____, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 17 JUL 1998Name: Timothy J. Lithgow, M.D., J.D.Title: Director, Intellectual PropertySignature: [Signature]

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Ralph T. Kubo of 12635 Futura Street, San Diego, California 92130, Howard M. Grey of 9066 LaJolla Street, La Jolla, California 92037, Alessandro Sette of 5551 Linda Rosa Avenue, La Jolla, California 92037, Esteban Celis of 13644 Landfair Road, San Diego, California 92130 and Scott Southwood of 10679 Strathmore Drive, Santee, California 92071, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **HLA BINDING PEPTIDES AND THEIR USES**

Date(s) of execution of Declaration: June 19, 1998

Filing date: February 3, 1998 Application No.: 09/017,524; and

WHEREAS, Epimmune, Inc., a Delaware corporation, located at 6555 Nancy Ridge Drive, Suite 200, San Diego, California 92121, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully

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Not for recalculation

may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: June 19, 1998

Ralph T. Kubo
Ralph T. Kubo

STATE OF CAL
COUNTY OF SAN DIEGO

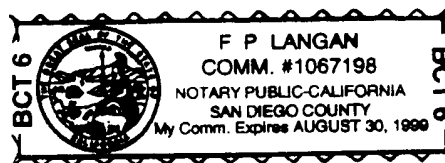
On JUNE 19th 1998, before me, F. P. LANGAN, Notary Public (here insert name and title of the officer), personally appeared Ralph T. Kubo, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature

[Signature]

(Seal)



Date: _____

Howard M. Grey

STATE OF _____
COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared Howard M. Grey, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: _____

Alessandro Sette

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Alessandro Sette**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: _____

Esteban Celis

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Esteban Celis**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: _____

Scott Southwood

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared Scott Southwood, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Ralph T. Kubo of 12635 Futura Street, San Diego, California 92130, Howard M. Grey of 9066 LaJolla Street, La Jolla, California 92037, Alessandro Sette of 5551 Linda Rosa Avenue, La Jolla, California 92037, Esteban Celis of 13644 Landfair Road, San Diego, California 92130 and Scott Southwood of 10679 Strathmore Drive, Santee, California 92071, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **HLA BINDING PEPTIDES AND THEIR USES**

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WHEREAS, Epimmune, Inc., a Delaware corporation, located at 6555 Nancy Ridge Drive, Suite 200, San Diego, California 92121, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully

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may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: _____

Ralph T. Kubo

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Ralph T. Kubo**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: May 13, 1998

Howard M. Grey
Howard M. Grey

STATE OF California

COUNTY OF San Diego

On May 13, 1998, before me, Traci Ferguson, Notary Public (here insert name and title of the officer), personally appeared **Howard M. Grey**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Traci Ferguson



Signature _____ (Seal)

Date: _____

Alessandro Sette

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Alessandro Sette**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: _____

Esteban Celis

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Esteban Celis**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: _____

Scott Southwood

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Scott Southwood**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Ralph T. Kubo of 12635 Futura Street, San Diego, California 92130, Howard M. Grey of 9066 LaJolla Street, La Jolla, California 92037, Alessandro Sette of 5551 Linda Rosa Avenue, La Jolla, California 92037, Esteban Celis of 13644 Landfair Road, San Diego, California 92130 and Scott Southwood of 10679 Strathmore Drive, Santee, California 92071, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **HLA BINDING PEPTIDES AND THEIR USES**

Date(s) of execution of Declaration: 5/12/98

Filing date: February 3, 1998 Application No.: 09/017,524; and

WHEREAS, Epimmune, Inc., a Delaware corporation, located at 6555 Nancy Ridge Drive, Suite 200, San Diego, California 92121, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully

COPY
Not for recalculation

may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: _____

Ralph T. Kubo

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Ralph T. Kubo**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: _____

Howard M. Grey

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Howard M. Grey**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: 5/12/98

Alessandro Sette
Alessandro Sette

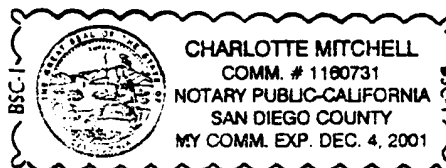
STATE OF CALIFORNIA

COUNTY OF SAN DIEGO

On 5/12/98, before me, CHARLOTTE MITCHELL (here insert name and title of the officer), personally appeared Alessandro Sette, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature Charlotte Mitchell (Seal)



Date: _____

Esteban Celis

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared Esteban Celis, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: 5/12/98

Scott Southwood
Scott Southwood

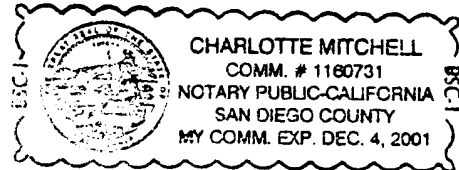
STATE OF CALIFORNIA

COUNTY OF SAN DIEGO

On 5/12/98, before me, CHARLOTTE MITCHELL (here insert name and title of the officer), personally appeared **Scott Southwood**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature Charlotte Mitchell (Seal)



ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Ralph T. Kubo of 12635 Futura Street, San Diego, California 92130, Howard M. Grey of 9066 LaJolla Street, La Jolla, California 92037, Alessandro Sette of 5551 Linda Rosa Avenue, La Jolla, California 92037, Esteban Celis of 13644 Landfair Road, San Diego, California 92130 and Scott Southwood of 10679 Strathmore Drive, Santee, California 92071, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: **HLA BINDING PEPTIDES AND THEIR USES**

Date(s) of execution of Declaration: 6/22/98

Filing date: February 3, 1998 Application No.: 09/017,524; and

WHEREAS, Epimmune, Inc., a Delaware corporation, located at 6555 Nancy Ridge Drive, Suite 200, San Diego, California 92121, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully

COPY

Not for recordation

may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: _____

Ralph T. Kubo

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Ralph T. Kubo**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: _____

Howard M. Grey

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Howard M. Grey**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: _____
Alessandro Sette

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared Alessandro Sette, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

Date: 6/22/98

Esteban Celis

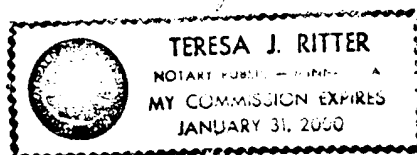
STATE OF Minnesota

COUNTY OF Alameda

On June 22, 1998, before me, Esteban Celis (here insert name and title of the officer), personally appeared Esteban Celis, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature Teresa J. Ritter (Seal)



Date: _____

Scott Southwood

STATE OF _____

COUNTY OF _____

On _____, before me, _____ (here insert name and title of the officer), personally appeared **Scott Southwood**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)